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### A support system for **context** awareness in a group home using **sound** cues

[\[PDF\] from laist.ac.jp](#)
H Kanai, T Nakada, Y Hanbat, S ... - ... for Healthcare, 2008. ..., 2008 - [ieeexplore.ieee.org](#)

... B. Situation **notification** unit The situation **notification** unit translates the predicted situation of a person and its confidence level into **sound** cues. The unit provides **context** awareness regarding the person to recipients. ... (a) (b) (c) (d) (e) Fig. 3. Simple **test** environment. ...

[Cited by 6](#) - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)

### [PDF] Ambient **audio notification** with personalized music

[\[PDF\] from uni-sb.de](#)
R Jung, D Heckmann - ... of Workshop on Ubiquitous User Modeling ( ..., 2006 - [ai.cs.uni-sb.de](#)

... the instrument identification rate and the recognition delay were checked in a user **test** with 28 ...

Positioning on Mobile Systems, Proceedings of International Workshop on Location- and

Context-Awareness (LoCA ... [2] A. Butz and R. Jung, Seamless User **Notification** in Ambient ...
[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

### [PDF] Dolphin: The design and initial evaluation of multimodal focus and **context**

[\[PDF\] from psu.edu](#)
DK McGookin, SA Brewster - Proceedings of ICAD 2002, 2002 - [Citeseer](#)

... the technique employed in Sawney and Schmandt's Nomadic Radio [12] personal **notification** system. ... If a participant failed to correctly identify more than one attribute on any **test** icon he ...

Multimodal focus and **context** has been evaluated against a purely **visual** scrolling view with ...
[Cited by 14](#) - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)

### Wearable accessory robot for **context** aware apprise of personal information

V Kostov, J Ozawa, S Matsuura - Robot and Human Interactive ..., 2005 - [ieeexplore.ieee.org](#)

... Its objectives are to provide an easy **test** for subjects to complete (ie minimal number of questions), to be easy to score, and to allow cross-product comparisons. ... The **notification** composed of mixture of red and green effects generated uncertainty about the **context**. ...

[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)

### Seamless user **notification** in ambient soundscapes

[\[PDF\] from psu.edu](#)
A Butz, R Jung - Proceedings of the 10th international conference ..., 2005 - [portal.acm.org](#)

... catch people's attention and text usually also carries a meaning, which might be misleading in our **context**. ... Figure 2: Graphical interface for the **test** scenario ... be interesting to verify **notification** speed and effectiveness in comparison with regular (non-musical) **notification** sounds. ...

[Cited by 27](#) - [Related articles](#) - [All 13 versions](#)
[\[PDF\] from uni-sb.de](#)

**[PDF] Peripheral notification with customized embedded audio cues**

R Jung, T Schwartz - ... of the 13th International Conference on Auditory ... - ai-gate.cs.uni-sb.de

... The **context**, especially the location in which the person listens to the music influences his experienced emotion too. ... The service has been integrated into our **test** environment. ... can be used to choose whether the user wants to use the stationary or the mobile **notification** mode. ...

[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

**Context-aware notification for mobile police officers**

JW Streefkerk, M van Esch-Bussemakers, ... - Proceedings of the 7th ..., 2007 - portal.acm.org

... Apparatus. The adaptive **notification** system was simulated using a HP 5550 PDA. A Wireless LAN connected the PDA to a message server, used by the **test** leader to send the messages. ... Page 10.

**Context-Aware Notification for Mobile Police Officers** 445 References ...

[Cited by 5](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

**Evaluating the Effects of the Environmental Context-of-Use on Mobile Website Usability**

AS Tsiaousis, GM Giaglis - 7th International Conference on Mobile ..., 2008 - computer.org

... A preliminary **test** (N=30) was conducted to investigate our main hypotheses. ... Most studies address attention aware and **notification** systems concentrating on the effect of ... effects on mobile web usability X USABILITY Efficiency Effectiveness Satisf- action **CONTEXT** Task time ...

[Related articles](#) - [All 4 versions](#)

**Auditory cues for monitoring a background process: a comparative evaluation**

M Pacey, C MacGregor - ... interaction: INTERACT'01: IFIP TC. 13 ..., 2001 - books.google.com

... His study was interesting in that it compared different methods of **notification**. ... Auditory Cues for Monitoring a Background Process 179 Kendall's W **test** was used to analyze the ... In considering which cue had been most useful in the **context** of the experiment, the audio progress ...

[Cited by 9](#) - [Related articles](#) - [All 2 versions](#)

**The connector: facilitating context-aware communication**

[\[PDF\] from psu.edu](#)

M Danninger, G Flaherty, K Bernardin, HK ... - Proceedings of the ..., 2005 - portal.acm.org

... This technology is useful for user- specific audio **notification**. ... **visual** person tracking, person identification, and speech recognition, are used to model users and describe user **context**. ... If the minimum distance between the **test** feature vector and the ones in the database is higher ...

[Cited by 30](#) - [Related articles](#) - [All 10 versions](#)

**Visual composition and multimedia**

[\[PDF\] from psu.edu](#)

V De Mey, C Breiteneder, L Dami, S Gibbs, D ... - Proceedings ... - Wiley Online Library

... Section 5 describes a **test** application where we would like to apply **visual** composition. ... In the **context** of multimedia we will talk about media values which are temporal sequences ... arrows indicating the direction of the causal relationship between a **notification** and an acceptance ...

[Cited by 19](#) - [Related articles](#) - [All 7 versions](#)

**Information transfer efficiency of peripheral audio cues**

[\[PDF\] from uni-ulm.de](#)

R Jung - Intelligent Environments, 2008 IET 4th International ..., 2008 - ieeexplore.ieee.org

... introduced **notification** instrument of the **test** person appeared randomly with respect to the **context** sensitive approach. ... the audio cues is shown in Figure 2). Especially the drums **notification** (86%) in ... with a value of seven percent and reached the top rating in the efficiency **test**. ...

[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)

#### [\[PDF\] Can you see what I hear? The design and evaluation of a peripheral \*\*sound\*\* display for the deaf](#)

[\[PDF\] from cmu.edu](#)

FW Ho-Ching, J Mankoff, JA Landay - CHI-CONFERENCE, 2003 - cs.cmu.edu

... be detected, support discovery of new sounds, and support both monitoring and **notification** of sounds. ... provided valuable information about the importance of position to participants in the **context** of our ... research, and we plan to take advantage of this to further **test** the Positional ...

[Cited by 25](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 8 versions](#)

#### [Human-computer interaction issues for mobile computing in a variable work \*\*context\*\*](#)

[\[PDF\] from psu.edu](#)

J York, PC Pendharkar - International Journal of Human-Computer Studies, 2004 - Elsevier

... A concern in mobile computing studies is the amount of additional work that a user has to engage in to accommodate IT resources to fit the work **context** (Kristoffersen and ... These typically accept input from voice or gestures and provide audio and **visual** output (Baber et al ...

[Cited by 29](#) - [Related articles](#) - [All 8 versions](#)

#### [New frontiers of application design](#)

DP Siewiorek - Communications of the ACM, 2002 - portal.acm.org

... The **Notification** Agent alerts ... computing tools from the desktop paradigm to a more portable scale does not take advantage of a whole new **context** of use. ... Before purchasing a wearable system, walk and move with the wearable system object to **test** its comfort and accessibility ...

[Cited by 52](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

#### [Multi-\*\*context\*\* voice communication in a SIP/SIMPLE-based shared virtual \*\*sound\*\* room with early reflections](#)

[\[PDF\] from psu.edu](#)

Y Kanada - ... and operating systems support for digital **audio** and ..., 2005 - portal.acm.org

Multi-**Context** Voice Communication in a SIP/SIMPLE-Based ... Limited, subjective **test**- ing by around 200 people showed that this medium can be used for cocktail-party ... SIP [Ros 02] and the presence event **notification** mechanism [Roa 02] [Ros 04] called SIMPLE (SIP for Instant ...

[Cited by 9](#) - [Related articles](#) - [All 6 versions](#)

#### [Adaptive Approaches to \*\*Context\*\* Aware Mobile Learning Applications](#)

[\[PDF\] from cscjournals.org](#)

UB Nagella, P Govindarajulu - International Journal of Computer ..., 1930 - cscjournals.org

... planed as a calendar with a lot of scheduled activities, such as lecturing, **test**, examination, homework ... Facility and activity contexts are also helpful for contextual event **notification**. ... will consist of the selection of the appropriate learning sub-activity according to the current **context**. ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

#### [A conceptual framework and a toolkit for supporting the rapid prototyping of \*\*context\*\*-aware applications](#)

[\[PDF\] from psu.edu](#)

AK Dey, GD Abowd, D Salber - Human-Computer Interaction, 2001 - informaworld.com

... There is a need to extend the **notification** and querying mechanisms to allow applications to ... There may be multiple layers that **context** data go through before reaching an application, due to ... At the next level, this information could be combined with **sound** level information and ...

[Cited by 1713](#) - [Related articles](#) - [BL Direct](#) - [All 37 versions](#)

### eWatch: **context** sensitive system design case study

[\[PDF\] from psu.edu](#)

A Smailagic, DP Siewiorek, U Maurer, A Rowe, KP ... - 2005 - computer.org

... development and easy deployment of different **test** scenarios. ... Based on the **notification** modality matrix, this module decides which pattern is appropriate to notify the user about ... An interface to connect the eWatch to our **context** aware machine learning system called ARIUS was ...

[Cited by 7](#) - [Related articles](#) - [All 14 versions](#)

### Visual composition and multimedia

V Mey, C Breiteneder, L Dami, S ... - Computer Graphics ..., 1992 - interscience.wiley.com

... Section 5 describes a **test** application where we would like to apply **visual** composition. ... In the **context** of multimedia we will talk about media values which are temporal sequences ... arrows indicating the direction of the causal relationship between a **notification** and an acceptance ...

[Cited by 5](#) - [Related articles](#) - [All 3 versions](#)

### Using **context**-aware computing to reduce the perceived burden of interruptions from mobile devices

[\[PDF\] from psu.edu](#)

J Ho, SS Intille - Proceedings of the SIGCHI conference on Human ..., 2005 - portal.acm.org

... The activity detec- tion system was limited to accelerometers to **test** the system under non-laboratory ... Pi- lot testers preferred to rate receptiveness or interruptibility in the **context** of a particular type of ... Prior to the start of the experi- ment, the two **notification** types were explained. ...

[Cited by 96](#) - [Related articles](#) - [BL Direct](#) - [All 20 versions](#)

### Context-aware personal communication for teleliving

[\[PDF\] from psu.edu](#)

T Kanter, C Frisk, H Gustafsson - Personal and Ubiquitous Computing, 1998 - Springer

... hej ~ From:location il To:theo ~ Subject:location **notification** I id: Henrik6 ustafssen ... **Context-Aware** Personal Communication for Teleliving ... This **test** bed will allow us to build and explore applications involving telepresence and local con- text, either at the actual location or at a ...

[Cited by 9](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

### Socially aware, computation and communication

A Pentland - Computer, 2005 - ieeeexplore.ieee.org

... the social psychologists' example, a **test** for our ability to automatically measure social signals should also be a **test** of our ... include sub- scribing to the information and receiving the raw audio signal plus annotations of the social **context**, receiving a **notification** from the ...

[Cited by 135](#) - [Related articles](#) - [All 9 versions](#)

### [book] The WTO and global convergence in telecommunications and **audio-visual** services

[\[PDF\] from buecher.de](#)

D Geradin, D Luff - 2004 - books.google.com

... In this remarkable book, the editors (Damien Geradin and David Luff) achieve two targets: they provide us with an excellent discussion of the Telecoms Agreement and a clarification of the issues blocking progress in the **context** of trade in **audio-visual** services; and they ...

[Cited by 13](#) - [Related articles](#) - [Library Search](#) - [All 5 versions](#)

PeopleTones: a system for the detection and **notification** of buddy proximity on mobile phones

KA Li, TY Sohn, S Huang, WG ... - Proceeding of the 6th ..., 2008 - portal.acm.org

PeopleTones: A System for the Detection and **Notification** ... The purpose of gathering these readings was to **test** different algo- rithms for proximity detection on a ... supply from mobile phone batteries requires careful consideration in a continuously running **context**-aware system. ...

Cited by 17 - Related articles - All 3 versionsEvaluation of pause intervals between haptic/**audio** cues and subsequent speech information

A Kehoe, F Neff, I Pitt - ... of the 10th international conference on ..., 2008 - portal.acm.org

... This differs from a scenario in which an attention grabbing alert is utilized as a **notification**, ie, in ... specifically for this **test**, ie, the **test** was not performed in a computer game-play **context**. ... Also, at various times during the **test**, five of the subjects reported that they were uncertain as ...

Related articles - All 3 versions**Audio-visual** user interface controls

SC Muzio, RR Omel, BJ Linnett - US Patent 5,801,692, 1998 - Google Patents

... tactile qualities, wave play, the ability to queue up waves along the same 2. Leaving the control while the mouse button is still down, channel and wave completion **notification**. ... Wavemix automatically converts the **sound** that again reinforces the control's **visual** and tactile ...

Cited by 22 - Related articles - All 2 versions[PDF] A **context** sensitive natural language modality for the Intelligent Room[PDF] from psu.edu

M Coen, L Weisman, K Thomas, M Groh - Proceedings of MANSE'99, 1999 - Citeseer

... **Notification** of **context** changes comes in the form of messages from other room agents ... been previously described in [5]. 5. Command post – This application provides the means to **test** full integration ... Our intent was to leverage off the well-defined notions of **context** inherent in the ...

Cited by 26 - Related articles - View as HTML - All 13 versionsIntegrating Spatial **Audio**, **Visual**, and Gestural Interfaces for Supporting Situated Collaborative Work

T Nakae, T Koyama, M Hirakawa - Ubiquitous Multimedia ..., 2009 - books.google.com

... Location is considered a key **context** in these systems ... proposed scheme works with reasonable performance, though further studies are needed to investigate, for example, the influence of the **test sound** and moving ... Peripheral **notification** with customized embed- ded audio cues ...

Related articles[PDF] Forensic **audio** and **visual** evidence 2004–2007: A review[PDF] from forensic.to

J Bijhold, A Ruitrok, M Jessen, Z Geradts, S ... - 15th INTERPOL ..., 2007 - forensic.to

... Upon carrying out the NFI-TNO **test** the BKA have found an improvement of recognition rates as compared to the ... Review on Forensic audio and **Visual** Evidence 2004-2007 ... There will have to be discussions as to what the implications of this difference are in a forensic **context**. ...

Cited by 5 - Related articles - View as HTML[PDF] TAKE YOUR SMART MUSIC WITH YOU AND BE UP TO[PDF] from uni-ulm.de

R Jung - www-vs.informatik.uni-ulm.de

... tification rate and the recognition delay were checked in a user **test** with 25 ... that mapped the user data to the **notification** param- eters soundscapes, **notification** instruments, spatial ... The environmental **context**, the room coordinates, could be mapped to primary functionality of the ...

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... peripheral way. We prepared two recorded and prearranged soundscapes in which the introduced **notification** in- strument of the **test** person appeared randomly with respect to the **context** sensitive approach. In ambient ...

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#### [\[PDF\] Achieving Non-Intrusive Environments for Local Collaboration](#)

[\[PDF\] from psu.edu](#)

M Jonsson, C Jansson, P Lönnqvist, P Werle, F ... - 2002 - [Citeseer](#)

... In an attempt to deal with one of these issues, the external events, a **test** bed environment ... Message terminal services – where **notification** messages are displayed ... Message router service – a **context** sensitive message routing service, which decides where a message should be ...

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#### [\[PDF\] Non-speech sounds as elements of a use scenario: a semiotic perspective](#)

[\[PDF\] from psu.edu](#)

A Pirhonen, E Murphy, G McAllister, W Yu - [Proceedings of The ...](#), 2007 - [Citeseer](#)

... page to visually impaired Internet users was used as a case study to **test** the design ... One participant described his frustration with a particular **notification sound** on his laptop that was considerable ... the web pages in the use scenario was also used to explain the **context** of sounds ...

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#### [\[PDF\] Listening post: Giving voice to online communication](#)

[\[PDF\] from rpi.edu](#)

M Hansen, B Rubin - [Proceedings of the International Conference on ...](#), 2002 - [arts.rpi.edu](#)

... each online forum were largely independent, and yet existed in the same social **context** (current events ... each time displaying the next post in the stream (the current target of the matching **test**). ... When Max receives **notification** that this scene has begun, it sends the TTS engine an ...

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#### [Take your smart music with you and be up to date](#)

R Jung - [Intelligent Environments, 2008 IET 4th International ...](#), 2008 - [ieeexplore.ieee.org](#)

... tification rate and the recognition delay were checked in a user **test** with 25 ... that mapped the user data to the **notification** param- eters soundscapes, **notification** instruments, spatial ... The environmental **context**, the room coordinates, could be mapped to primary functionality of the ...

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#### [\[PDF\] Communicating Context Through Music](#)

[\[PDF\] from swan.ac.uk](#)

P Oladimeji - 2007 - [cs.swan.ac.uk](#)

... This evaluation was made to **test** the audio adaptations identified above and to get insights on how ... The two static contexts tested were the **notification** of a landmark of interest in a region ... sounds effects have being used in games to communicate changes in game **context** scenes ...

[Related articles](#) - [View as HTML](#)

### Utilizing **sound** effects in mobile user interface design

H Korhonen, J Holm, M Heikkinen - Human-Computer Interaction-- ..., 2010 - Springer

... It is possible to react to the **notification** either with 'snooze' or 'dismiss'. ... because forming an opinion about the audio feedback takes longer than what is normally permitted in a laboratory **test**. ... The device should be able to adapt to the **context** where it is used and make the usage ...

[Cited by 2](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

### A **context**-aware Tour Guide: User implications

[\[PDF\] from academia.edu](#)

SR Gulliver, G Ghinea, M Patel, T Serif - Mobile Information Systems, 2007 - IOS Press

... of both **context**-aware and non-**context** aware applications in order to determine whether the **notification** of real-time ... use of a **context**-aware system impacted a users' general satisfaction, an ANOVA **test** was done ... [20] WN Schilit, NI Adams and R. Want, **Context**-aware Computing ...

[Cited by 10](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

### [\[PDF\] Increasing the effectiveness of \*\*notification\*\* cues in mobile environments](#)

[\[PDF\] from aisnel.org](#)

P Tarasewich, T Bhimdi, M Dideles - Proceedings of the Tenth ..., 2004 - aisel.aisnet.org

... We also plan to create and **test** smaller prototypes that can be worn on the body as rings or bracelets, and to incorporate **context**-awareness into the prototypes. There are many practical benefits of pixel-based **visual notification** cues. ...

[Cited by 3](#) - [Related articles](#) - [All 6 versions](#)

### Designing systems for the creation and evaluation of dynamic peripheral soundscapes: a usability study

[\[PDF\] from psu.edu](#)

BS Mauney, BN Walker - Human Factors and Ergonomics ..., 2004 - ingentaconnect.com

... estimation), as might be the case with a **visual** system, but rather the **notification** of threshold ... Further research on the system would involve quantifying with **test** participants many of the very qualitative ... Tick-marks, axes, and labels: the effects of adding **context** to auditory graphs. ...

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### A model for a **context** aware machine-based personal memory manager and its implementation using a **visual** programming environment

[\[PDF\] from ru.ac.za](#)

ME Tsegaye - 2007 - eprints.ru.ac.za

... 118 5.4.2.2 Email **notification** agent and time announcer..... 119 ... 166 7.1.4 Machine-based memory manager performance **test**..... 167 ... **Context** descriptor extraction from audio ..... ...

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### Extensible user **context** system for delivery of notifications

TP McKee, FA Debry, CK Van Dok, RK ... - US Patent App. 10/ ..., 2003 - Google Patents

... S) [0001] This application is related to US application attorney docket number MSFT-1-20462, titled "System and Method Utilizing **Test** Notifications," filed ... In one embodiment, the **context** may also be evaluated as true or false at the time that a **notification** is to be delivered. ...

[All 7 versions](#)

[\[PDF\] Intelligent Headsets for Supporting Digital Lecture Halls](#)[\[PDF\] from psu.edu](#)

C Trompler, E Altenbichler, G Rößling - Proceedings of the 2003 ... 2003 - Citeseer

... is displayed in Figure 4. The Root Mean Square (RMS) error calculated from all 138 **test** points is ... In our future work, we will investigate the use of **context** information acquired by the Talking ...

Nomadic Radio: Scaleable and Contextual **Notification** for Wearable Audio Messaging. ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)[Application requirements for middleware for mobile and pervasive systems](#)[\[PDF\] from uniroma2.it](#)

K Raatikainen, HB Christensen, T ... - ACM SIGMOBILE Mobile ... 2002 - portal.acm.org

... Healthcare is an ideal **test**-bed for pervasive mid- dleware technologies. ... He sends a **notification** to them and asks them to meet him in the conference room. ... We need good abstraction to support adaptive **context**-aware appli- cations. ...

[Cited by 82](#) - [Related articles](#) - [All 7 versions](#)[Nonspeech auditory output](#)[\[PDF\] from gla.ac.uk](#)

S Brewster - The Human Computer Interaction Handbook: ... - books.google.com

... is contained within the speech and so requires no learning, just as in the **visual** case). ... and most of these suggest that the primary reason for the annoyance of **sound** is excessive ... In a different **context**, Patterson (1989) investigated some of the problems with auditory warnings in ...

[Cited by 71](#) - [Related articles](#) - [All 6 versions](#)[\[PDF\] 9 Interactive Context-Aware Systems Interacting with Ambient Intelligence](#)[\[PDF\] from psu.edu](#)

A Schmidt - Citeseer

... **context** can also help to determine whether or not there is still need for this particular **notification** or if ... A. Schmidt / Interactive **Context**-Aware System Interacting with Ambient Intelligence 174 ...

5,p.52] that the system becomes a natural extension to the task the following **test** can be ...

[Cited by 69](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)[Attention funnel: omnidirectional 3D cursor for mobile augmented reality platforms](#)[\[PDF\] from psu.edu](#)

F Biocca, A Tang, C Owen, F Xiao - Proceedings of the SIGCHI ... 2006 - portal.acm.org

... Apparatus and **Test** Environment A 360-degree omnidirectional workspace was created using four tables as shown in Figure 5. Twelve objects ... Attentive user interface: attuning **notification** design to user goals and ... Introduction to This Special Issue on **Context**-Aware Computing. ...

[Cited by 21](#) - [Related articles](#) - [BL Direct](#) - [All 11 versions](#)[\[PDF\] PC Modeling and Simulation Guidelines: Volume 1—Overview](#)[\[PDF\] from psu.edu](#)

C McLean, F Riddick - National Institute of Standards and Technology ... 2004 - Citeseer

... mechanisms for problem/bug reporting • support centralized management and **notification** of software ... a computer generated animation to illustrate the principles affecting **sound** propagation in ... degree of user interactivity, fidelity and immersion, and where **context** and practice ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)[\[PDF\] The Context-Dependent Mobile Communication Platform](#)[\[PDF\] from itu.dk](#)

T Bodin, AJ Glenstrup - 2006 - itu.dk



... PC at the IT University of Copenhagen, where a calibration model covering a selected **test** area has ... The status **notification** will inform the LBS about the progress as well as any unexpected errors ... to extend it to a dynamic scenario that can take real world **context** information into ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

### [\[PDF\] Context Aware Mobile Phone Notification](#)

[\[PDF\] from strath.ac.uk](#)

R Suresh - 2005 - [personal.cis.strath.ac.uk](#)

... NOISE SURVEY, 2002]....13 TABLE 7.1 INPUT AND OUTPUT DATA FROM **TEST** CASE 1.....50 TABLE 7.2 INPUT AND OUTPUT DATA FROM **TEST** CASE 2 ... In developing a **context** aware mobile **notification** system it is ...

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### [\[PDF\] Reducing Interruption Cost Using Slow-Growth Notifications](#)

[\[PDF\] from mit.edu](#)

TB Wilson, RC Miller - [groups.csail.mit.edu](#)

... of growth – that can be tuned according to the **notification's** importance, time- sensitivity, and **context**. ... There was no significant effect of **notification** type on overall task completion time, since the ... Figure 6 shows the results of a post-**test** questionnaire asking subjects to rate the ...

[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### [Input Methods for Notification Systems: A design analysis technique with a focus on input for dual-task situations](#)

[\[PDF\] from vt.edu](#)

C Holbrook - 2003 - [scholar.lib.vt.edu](#)

... primary task attention. Through a study conducted using a reusable usability **test** ... highlighted many of the challenges posed for input for **notification** systems and revealed some potential solutions. ... with audio feedback can hold significant improvements on the tradeoff of **visual** ...

[Cited by 8](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

### [\[PDF\] MUD Slinging: Virtual Orchestration of Physical Interactions](#)

[\[PDF\] from psu.edu](#)

MK Thompson, MJ Weal, DT Michaelides, DG ... - University of ..., 2003 - CiteSeer

... of following a link causes events to occur and also modification to the user's **context**, using the ... or 'Wizard of Oz', interac- tions in software in the lab to carefully **test** and analyse ... Physical interactions could be mimicked in the MUD both by generating the **notification** by hand, or by ...

[Cited by 5](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

### [A user study of auditory versus visual interfaces for use while driving](#)

J Sednik, C Dicke, S Tomazic, M Billinghamurst - International journal of ..., 2008 - Elsevier

... of this being applied in a mobile phone setting, and no previous work compared audio interfaces to ... our interface in more detail and present the user study we conducted to **test** the interface ... To simulate a real task, we created a typical “mobile” **context** by using a driving simulator. ...

[Cited by 10](#) - [Related articles](#) - [All 5 versions](#)

### [\[PDF\] The Ethics of Audio and Visual Surveillance: Who's Watching and Why](#)

[\[PDF\] from ethicapublishing.com](#)

NM Hamilton, MR Wright - TECHNOLOGY AND PRIVACY - [ethicapublishing.com](#)

... Police investigations usually come to mind when “wearing a wire” is used in **context**. ... As mentioned earlier, it is not unusual for both audio and **visual** capabilities to be used ... Normally, video cameras have the capability of both video and **sound**; however, the smaller the camera is ...

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[\[PDF\] Testing Cognitive Characteristics of Users in Interaction with Computer](#)

[\[PDF\] from wseas.us](#)

N •OR•EVI•, D RAN•I• - wseas.us

... Extended model (XUAN/t – Extended User Action **Notification** per Time) treats equally the complexity ... very dim light, ability to recognize the appropriate part of a **context**, determine the ... **Test** groups related to perceiving, information processing and motor activities include tests of ...

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M Hansen - mat.ucsb.edu

... each online forum were largely independent, and yet existed in the same social **context** (current events ... each time displaying the next post in the stream (the current target of the matching **test**). ... When Max receives **notification** that this scene has begun, it sends the TTS engine an ...

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[\[PDF\] from psu.edu](#)

M Droumeva, R Wakkary - Proceedings of the 12 th International ..., 2006 - Citeseer

... In the **context** of socio- ec(h)o, we hypothesized that this approach would work well ... In an exploratory way, we also wanted to **test** notions of emergent play, free-form play ... 2 and 4 participants create an auditory and **visual** response) 4. Forming ecologies of **sound** (players ...

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[\[PDF\] Interface concepts for the open video project](#)

[\[PDF\] from psu.edu](#)

G Geisler, G Marchionini, M Nelson, R Spinks, ... - PROCEEDINGS OF THE ..., 2001 - Citeseer

... The Open Video administrators receive an automatic e-mail **notification** of each submission. ... An example of a peripheral view in the Open Video **context** might be information about ... **Test** the usefulness of combinations of mechanisms: Once we are confident that people can use ...

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[\[PDF\] Application Design](#)

[\[PDF\] from oulu.fi](#)

DP Siewiorek - ee.oulu.fi

... The **Notification** Agent alerts ... computing tools from the desktop paradigm to a more portable scale does not take advantage of a whole new **context** of use. ... Before purchasing a wearable system, walk and move with the wearable system object to **test** its comfort and accessibility ...

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[Multisensory integration with a head-mounted display: \*\*Sound\*\* delivery and self-motion](#)

[\[PDF\] from unq.edu.au](#)

MB Thompson, PM Sanderson - Human Factors: The Journal ..., 2008 - ingentaconnect.com

... The SPL of the **notification sound** from the button-press task speaker was approximately 64 dB ... A Tukey HSD **test** indicated that responses to Button A were slightly faster than ... However, these results must be considered in the **context** of the interaction between movement and ...

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# Live, **audio-visual** communication systems for distance learning: experience, heuristics, and ISDN

[\[PDF\] from psu.edu](#)

M Colbert, C Voglimacci, A ... - Behaviour & Information ..., 1995 - informaworld.com  
 ... The CLIs, of which there are 45, provide for 'live' **audio-visual** feedback via a video-conferencing network. ... To **test** the trainees' comprehension of the procedure, one trainee (bottom right) is instructing the tutor to enter certain information into the computer. ...

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# Attention Issues in Spatial Information Systems: Directing Mobile Users' **Visual** Attention Using Augmented Reality

[\[PDF\] from csu.edu.tw](#)

F Blocca, C Owen, A Tang, C Bohil - Journal of Management ..., 2007 - ME Sharpe  
 ... To place the development of the attention funnel in **context**, we provide a review ... 5. **Test** Environment Note: The user sat in the middle of the **test** environment for ... training environment where they were introduced and trained to use each interface (audio, **visual** highlight, attention ...

[Cited by 1](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

# Designing **audio** and tactile crossmodal icons for mobile devices

[\[PDF\] from psu.edu](#)

E Hoggan, S Brewster - ... of the 9th international conference on ..., 2007 - portal.acm.org  
 ... tactile cues were controlled from a PC and therefore we could not **test** in a ... crossmodal icons described in this paper were designed for a mobile phone **notification** application ... applications that could benefit from the inclusion of crossmodal icons such as **context** aware navigation ...

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# Real-time anaesthesia diagnosis display system with multi-modal alarms

[\[PDF\] from auckland.ac.nz](#)

K Lee, KJT Yang, B Plimmer, M ... - Proceedings of the 20th ..., 2008 - portal.acm.org  
 ... this section we review the literature on these interaction modalities in the **context** of operating ... Our project expands **notification** ability of RT-SAAM to six anaesthesia related events, AHV, FCO ... However, MMAS is a prototype which runs in **test** mode using simulated input data of ...

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# [BOOK] Multi-Sensor **Context**-Awareness for Wearable Computing

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NJ Kern - 2005 - CiteSeer  
 ... Adding additional personal information to documents or audio/**visual** recordings allows for a natural ... ded in two application scenarios, a meeting recorder and a **notification** mediation agent. The central contributions of the thesis are the perception of **context** information from body ...

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# [PDF] **Audio-Visual** Perception in Interactive Virtual Environments

[\[PDF\] from tuwien.ac.at](#)

K Grosse - cg.tuwien.ac.at  
 ... 54 6.5 Significance **test** (Bonferroni-Holm method) of our hypotheses (grouped by gender) . . . . . conclusions are important in the **context** of the design and operation of such simulations. ... place of the **sound** agrees with the audible, and we are informed both by the **visual** ...

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# [PDF] **Context** Awareness in Smart Homes to Support Independent Living

[\[PDF\] from haryan.to](#)

R Haryanto - Architecture, 2005 - ronny.haryan.to

... Physical **context**, such as lighting, **sound**, temperature, humidity, velocity, direction/bearing, altitude, smell, taste, weight, pressure, **volume**, distances. • Time **context**, such as time of the day, week, month, season of the year. ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#)

### SEMA4A: An ontology for emergency **notification** systems accessibility

[\[PDF\] from uc3m.es](#)

A Malizia, T Onorati, P Diaz, I Aedo, F Astorga- ... - Expert Systems with ..., 2010 - Elsevier

... showing the emergency exit locations to solve the problem of not hearing the alert **sound**). ... pages are transformed into small fragments that could cause the loss of users' **context**. ... can point out that ontologies will clearly help the development of emergency **notification** systems by ...

[Related articles](#) - [All 6 versions](#)

### 9. WTO Rules in the **Audio-Visual** Sector

A Beviglia-Zampetti - ... the global governance of the **audio-visual** ..., 2005 - books.google.com

... agreement: has substantial sectoral coverage'[in terms of number of sectors, **volume** of trade ... and balance-of-payments measures are only relevant in the **context** of specific ... In particular, when governments schedule commitments for **audio-visual** services, or for any service sector ...

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### [PDF] INVESTIGATING **SOUND** INTENSITY GRADIENTS AS FEEDBACK FOR EMBODIED LEARNING

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M Droumeva, S de Castell, R Wakkary - icad.org

... Because of the seeming gap between psychology studies of auditory perception and their application to **context**-sensitive perceptual frameworks for **sound**, making sense of ... of each participant's plotted graph of it (Table 3). We provisionally suggest that this **test** is in ...

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### [PDF] Economic impact of legislative reform to reduce **audio-visual** piracy

[\[PDF\] from filmcounciluk.org](#)

O Economics - Final report [Electronic Version]. Retrieved, 2009 - filmcounciluk.org

... Respect for Film, representing the **audio-visual** sector, has requested that Oxford Economics undertake a ... change their behaviour after receiving **notification** that their conduct is unlawful. ... Alexander reviewed these issues in the **context** of the Gowers Review and the question of ...

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### Serial hook-ups: A comparative usability study of secure device pairing methods

[\[PDF\] from psu.edu](#)

A Kobsa, R Sonawalla, G Tsodik, E Uzun, ... - Proceedings of the 5th ..., 2009 - portal.acm.org

... channel is not authenticated and unfamiliar devices have no prior security **context** or common ... Believing (and the recorded video of blinking screen in Video) on the **test** device and ... by a few seconds in our tested implementations, since a system security **notification** popped up ...

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### [PDF] Using mobile phones in education

[\[PDF\] from temple.edu](#)

P Thornton, C Houser - ... of the 2nd IEEE international workshop ..., 2004 - astro.temple.edu

... such as receiving **notification** of cancellations, receiving and submitting assignments, and **notification** of grades ... The **test** results showed there was no significant difference ( $t=0.08$ ,  $n=29$ ) in ... To help students understand the meaning and **context** in which various idioms are used ...

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[PDF] [Ringermute: An audio data mining toolkit](#)

[PDF] from psu.edu

MA Levy - 2005 - Citeseer

... Some work has also been done on the detection of alarm and **notification sound** objects, such as telephone rings and the like, in the presence ... Relating the definition to **context**-aware audio, E is a collection of exemplars ... The exemplars in the training set R and **test** set S (where ...

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[Smoke alarms for sleeping adults who are hard-of-hearing: comparison of auditory, \*\*visual\*\*, and tactile signals](#)

D Bruck, IR Thomas - Ear and Hearing, 2009 - journals.lww.com

... Standards exist for the intensity of strobe lights for emergency **notification** (NFPA 72, 2002b), with an inten ... A Chi-square **test** was performed where, for all signals, the results were split according to the ... Home smoke alarms: the data as **context** for decision making, fire technology. ...

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[PDF] [INDIVIDUAL DIFFERENCES AND THEIR IMPACT ON RESPONSES TO IMMEDIATE VERSUS NEGOTIATED NOTIFICATION IN A SIMULATED DRIVING TASK](#)

[PDF] from psu.edu

D Lottridge - 2006 - Citeseer

... by personal variables. The effects of different **notification** styles were investigated by ... content. Field dependence is measured by the Group Embedded Figures **Test** (GEFT) ... processing of information. This process is somewhat analogous in a computing **context** to ...

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[AppLens and launchTile: two designs for one-handed thumb use on small devices](#)

[PDF] from psu.edu

AK Karlson, BB Bederson, J ... - Proceedings of the ..., 2005 - portal.acm.org

... Zooming In to an Application The user taps any of the 4 **notification** tiles within Zone ... this design, a double tap on Blue while text is selected will bypass the **context** menu and ... Although the primary development and **test** platform has been the HP iPAQ PocketPC running Microsoft ...

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[PDF] [A Survey on Context-Aware Sensing for Body Sensor Networks](#)

[PDF] from scirp.org

BT Korei, SGM Koo - 2010 - scirp.org

... At least 75% prediction accuracy for classification in both the training and **test** phases. ... Applies na•ve Bayesian net- works to classify the **context** of a mobile device user in her normal daily ... The classification was based mainly on audio features measured in a home sce- nario. ...

[Related articles](#) - [View as HTML](#) - [All 5 versions](#)

[Lost pet \*\*notification\*\* system](#)

JM Skelton, KE Myers - US Patent 6,067,018, 2000 - Google Patents

Page 1. United States Patent Skelton et al. US006067018A [ij] Patent Number: [45] Date of Patent: 6,067,018 May 23,2000 [54] LOST PET **NOTIFICATION** SYSTEM [75] Inventors: Joan M. Skelton, 230 W. Paces Ferry Rd., Atlanta, Ga. 30305; Kenneth E. Myers, Marietta, Ga. ...

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[\[PDF\] Creating functional and livable soundscapes for peripheral monitoring of dynamic data](#)

[\[PDF\] from psu.edu](#)

BS Mauney, BN Walker - Proceedings of the International Conference on ..., 2004 - Citeseer  
... a specific data value, as might be the case with a **visual** system, but rather the **notification** of threshold ... a user listening to the soundscape while performing some visually demanding task, as a **test** of the ... Tick-marks, axes, and labels: The effects of adding **context** to auditory graphs ...

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[\[PDF\] Input Methods for Notification Systems: A design](#)

[\[PDF\] from psu.edu](#)

C Holbrook - 2003 - Citeseer  
... primary task attention. Through a study conducted using a reusable usability **test** ... highlighted many of the challenges posed for input for **notification** systems and revealed some potential solutions. ... with audio feedback can hold significant improvements on the tradeoff of **visual** ...

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[\[PDF\] SportsAnno: What do you think](#)

[\[PDF\] from psu.edu](#)

J Lanagan, AF Smeaton - RIAO'2007: Proceedings of the 8th conference ..., 2007 - Citeseer  
... users to read match reports taken whilst viewing the match video associated with the reports and to create in **context** comments used as ... Direct analysis of the video stream however, whilst able to detect events based on audio/**visual**/textual onscreen data, does not provide the ...

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[Community-based hazard warnings in rural Sri Lanka: performance of alerting and notification in a last-mile message relay](#)

[\[PDF\] from limeasia.net](#)

N Waidyanatha, G Gow, P Anderson - papers.ssrn.com  
... time it takes, relative to the hazard-durationT, for the staff members at the HIH to receive an acknowledgment in the **context** of certainty ... Upon the reception of a CBM or an SMS, a **notification** will be sent by the GSM module to the ... HazInfo project was the first to field **test** the RADs ...

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[\[PDF\] amazon.com, 1085 AMD-V, 933](#)

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AS Notifications, A Center, A Data, A Adjust, A ... - annotation - media.wiley.com  
... B Back button IE, 323–324 **Notification** area, 50–52 background. ... See Microsoft Communities compact discs (CDs), 805–829 audio, 634, 806 AutoPlay, 808–809 capacity, 691 copy ... 533 Start button, 540 user accounts, 535 vCard, 539 contents pane, 703, 708 **context** menus, 46 ...

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IA Doush, E Pontelli - cs.nmsu.edu  
... can switch between the two navigation modes at any time without losing the navigation **context**. ... The collected worksheets are used to build the **test** sample which includes 21 worksheets ... Some students recommended adding a **notification** to telling the user when s/he reaches ...

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[Automated comprehension tasks in software exploration](#)

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S Boccuzzo, HC Gall - Proceedings of the 2009 IEEE/ACM ..., 2009 - portal.acm.org

... an interaction in software exploration the implementation of a current comprehension task gets a **notification**. ... 9 2 God Class 6 2 Changed Complexity 10 2 Unit-**test Test** 10 2 ... a reduced workload by using automated tasks in the software comprehension and exploration **context**. ...

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[\[PDF\] from icad.org](#)

M Ma, P Mc Kevitt - ... Workshop "Combining Speech and Sound in the User ...", 2005 - icad.org  
... simplest earcons are auditory alarms and warning sounds such as incoming e- mail **notification**, program error ... the following: 1. Find a pair of quotation marks 2. In the **context**, looking for ... Since this is an ongoing project, future work should include performing **test-suite** based and ...

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### [Evaluating non-speech sound visualizations for the deaf](#)

[\[PDF\] from psu.edu](#)

T Matthews, J Fong, FWL Ho-Ching, J ... - Behaviour & ... , 2006 - informaworld.com  
... **sound notification** to keep users informed of im- portant state changes, and often do not include ... displayed ('turn down the sensitivity of the display ...') depending on **context** such as ... with icons were preferred because participants could easily understand what **sound** occurred at ...

[Cited by 7](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

### [\[PDF\] Designing Mobile Multimodal Artefacts](#)

[\[PDF\] from ul.pt](#)

T Reis, M Sá, L Carriço - Procs of ICEIS, 2008 - homepages.lasige.di.fc.ul.pt  
... Rules also have its own editor that can be invoked in the **context** of its trigger (element, page ... Voice prompts: succinct phrases were defined and repeated for each **notification**. ... Half of this population has performed the **test** using the element control (EC + Text) and the other half ...

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### [\[CITATION\] Perceiving Ordinal Data Haptically Under Workload Anthony Tang1 Peter McLachlan\\* Karen Lowe\\* Chalapati Rao Saka\\* Karon MacLean\\* Human ...](#)

ATP McLachlan - Proceedings of the Seventh ... , 2005 - Association for Computing ...

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### [Where's the phone? A study of Mobile Phone Location in Public Spaces](#)

[\[PDF\] from psu.edu](#)

F Ichikawa, J Chipchase, R ... - ... Applications and Systems ... , 2009 - ieeexplore.ieee.org  
... Additionally, the **context** may include external noise and vibration eg travelling on a bus, which ... effectiveness, we could not see any difference (TABLE 6). Indeed, a binominal **test** for the ... the mobile phone is more capable of being a tool for delivering **notification** information – not ...

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### [AND MOTION PICTURES AND OTHER AUDIO-VISUAL WORKS.](#)

P Action - HeinOnline

... the limitation or denial so long as its domestic law does so, on written **notification** to the ... of "fair use," "fair dealing" or "private use" have any relevance in this **context** would also be ... 1982) (upholding validity of secure **test** regulations); Nova Stylings v. Ladd, CCH §25,485 (9th Cir. ...

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## Automated Comprehension Tasks in Software Exploration

S Zurich - [ieeeexplore.ieee.org](#)

... an interaction in software exploration the implementation of a current comprehension task gets a **notification**. ... 9 2 God Class 6 2 Changed Complexity 10 2 Unit-**test** **Test** 10 2 ... a reduced workload by using automated tasks in the software comprehension and exploration **context**. ...

## [PDF] BuildBot: Robotic Monitoring of Agile Software Development Teams

[\[PDF\] from psu.edu](#)

R Ablett, E Sharlin, F Maurer, J Denzinger, C ... - Robot and Human ..., 2008 - Citeseer

... 1]. Information exchange thus occurs in an ambient manner, in the physical **context** of humans ...

In our **test** environment, our lines were eggshell white and the line tracking algorithm proved to be ... When the email was sent, only the two who had email **notification** programs noticed ...

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## Method for diagnosis and treatment of psychological and emotional conditions using a microprocessor-based virtual reality simulator

SJ Brown - US Patent 6,186,145, 2001 - Google Patents

... CLINICIAN I \_\_\_\_\_ I MICROPROCESSOR BASED UNIT 110 140 ^ ii MICROPROCESSOR BASED UNIT #1 134 ys /\ 130 AUDIO/**VISUAL** DISPLAY] /\ 130 ' AUDIO/ **VISUAL** DISPLAY 126 120 CLINICIAN'S COMPUTER 132 u i DATA | / MANAGEMENT^ i UNIT #2 S. 128 ...

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## [PDF] Sonification of Bowing Features for String Instrument Training

[\[PDF\] from icad.org](#)

O Larkin, T Koerselman, B Ong, K Ng - Proceedings of the 14th ..., 2008 - icad.org

... In the tests that we conducted, the students were enthusiastic about the auditory **notification** since it allowed them ... Due to the small number of participants in our **test**, it is clear that further validation is ... In a non-real-time **context** it was possible to use sonified line graphs to convey ...

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## [HTML] Context-Aware UPnP-AV Services for Adaptive Home Multimedia Systems

[\[HTML\] from hindawi.com](#)

T Roland, J Michael, K Julius... - International Journal of Digital ..., 2008 - hindawi.com

... the aforementioned variables, provides actions to query them and offers eventing for the **notification** of value ... tab1. Table 1: **Test** stream variations ... This paper presented a novel approach of realizing **context**-aware multimedia services for domestic multimedia systems by using the ...

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## Towards multimodal interfaces for intrusion detection

M Garcia-Ruiz, M Vargas Martin, B Kapraios - ... the 122nd Convention of the Audio ... - aes.org

... An experimental user study was conducted to **test** the developed system. ... of **visual**, auditory, and olfactory information that was delivered by a multimodal messaging **notification** system. ... and weaknesses of each modality used in a computer interface, in the **context** of network ...

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